CLAIMS:

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1.	A high-pressure	discharge la	amn comprising
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- an inner vessel with a discharge chamber,
- with at least two electrodes extending into the discharge chamber, and possibly an outer bulb surrounding the inner vessel,
- characterized in that the discharge chamber contains an ionizable filling comprising:
 - at least one rare gas,
 - 0 mg to 10 mg of mercury, and
 - a metal halide mixture comprising:
 - * 40 to 80% by weight of sodium halide,
 - * 25 to 55% by weight of scandium halide,
 - * 1 to 15% by weight of indium halide, and
 - * 0 to 34% by weight of thallium halide.
- A high-pressure discharge lamp as claimed in claim 1, characterized in that the color point of the light emitted by the high-pressure discharge lamp in the CIE 1931 diagram has an X-color coordinate in a range from 0.345 to 0.375, preferably from 0.350 to 0.370, more preferably from 0.355 to 0.360, and a Y-color coordinate in a range from 0.350 to 0.375, preferably from 0.355 to 0.370, more preferably from 0.360 to 0.365.
 - 3. A high-pressure discharge lamp as claimed in claim 1 or 2, characterized in that the outer bulb comprises neodymium, preferably neodymium oxide, the neodymium oxide content being preferably 2 to 20% by weight with respect to the total weight of the outer bulb.
 - 4. A high-pressure discharge lamp as claimed in any one of the claims 1 to 3, characterized in that the color temperature of the light emitted by the high-pressure discharge lamp lies in a range from 4300 K to 5000 K, preferably from 4500 K to 4900 K, more preferably from 4700 K to 4800 K.



- A high-pressure discharge lamp as claimed in any one of the claims 1 to 4, characterized in that the luminous efficacy of the light emitted by the high-pressure discharge lamp is at least 70 lm/W, preferably \geq 75 lm/W, more preferably \geq 85 lm/W, even more preferably \geq 95 lm/W.
- 6. A high-pressure discharge lamp as claimed in any one of the claims 1 to 5, characterized in that the color point change with respect to the X-color coordinate and the Y-color coordinate amounts to $\leq 6\%$, preferably $\leq 5\%$, preferably $\leq 4\%$, more preferably $\leq 3\%$, particularly preferably $\leq 2\%$, and most preferably $\leq 1\%$ over a period of operation of the high-pressure discharge lamp of 1500 hours.
- 7. A high-pressure discharge lamp as claimed in any one of the claims 1 to 6, characterized in that the ionizable filling comprises:

- at least one rare gas, preferably xenon,

- 50 to 70% by weight of sodium iodide,
- 30 to 50% by weight of scandium iodide,
- 1 to 15% by weight of indium iodide, and
- 0 to 10 mg mercury.

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- 8. A high-pressure discharge lamp as claimed in any one of the claims 1 to 6, characterized in that the ionizable filling comprises:
 - at least one rare gas, preferably xenon,
 - 50 to 60% by weight of sodium iodide,
 - 35 to 45% by weight of scandium iodide,
 - 1 to 15% by weight of indium iodide, and
 - 0 to 10 mg mercury.
- 9. An ionizable filling, characterized in that said ionizable filling comprises:
 - at least one rare gas.
 - 0 mg to 10 mg of mercury, and
 - a metal halide mixture comprising:
 - * 40 to 80% by weight of sodium halide,
 - * 25 to 55% by weight of scandium halide,



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- * 1 to 15% by weight of indium halide, and
- * 0 to 34% by weight of thallium halide.
- 10. A lighting unit, in particular a motor vehicle headlight, comprising a high-
- 5 pressure discharge lamp as claimed in any one of the claims 1 to 8.